

According to 1st rule, most mention is trend,

This means that in doing research on the subject matter, you must hardly consider using Finite Element Analysis and Linear Stability Analysis as they are mostly mentioned in all journals related. If your research does not include Finite Element Analysis and Linear Stability Analysis, most probably your research may be incomplete.

36	Structure Interaction Analysis	2
37	Area Structure Analysis	1

Figure 2: Names for least mentioned items for analysis

According to 2nd rule, less mention is gap potential,

This means that from all the journals, only ONE (1) or TWO (2) times those names are mentioned. You have options to use any of the less mention names as your research gap potential. You should discuss those options with your supervisor. For example, your supervisor and you may identify that Area Structure Analysis as a promising method for your research. Thus, you choose this analysis as your research tool.

The least mentioned names of analysis are

1. Structure Interaction Analysis – 2 times
2. Area Structure Analysis – 1 time

According to 3rd rule, not mention at all is research gap

From all the list, not once mentioned a certain tool that you think is gap potential. You can discuss with your supervisor about it. You can mention that your idea(s) are not mentioned at all in all journals relate to the subject matter.

For example, Graphene is not mentioned at all in all journals related to the subject matter. It can be confirmed that nobody uses graphene in this research. You can decide to use graphene in this research.

41	POTASSIUM HYDROXIDE (KOH)	2
42	CATHODIC (IPC)	2
43	MEDIUM INTENSE SIGNAL (MS)	2
44	RGO GRAPHENE OXIDE (GO)	2
45	COVALENT TRIAZINE FRAMEWORKS (CTF)	2
46	MODE TANGENTIAL OPTICAL (TO)	2
47	REMOVAL RHODAMINE B (RHB)	2
48	LONGITUDINAL OPTICAL MODE (LO)	2
49	RELATIVE STANDARD DEVIATION (RSD)	2
50	SCANNING ELECTRON MICROSCOPE (SEM)	2
51	LINEAR SWEEP VOLTAMMETRY (LSV)	2
52	HYDROCHLORIC ACID (HCL)	2
53	6-DIAMINOPYRIDINE (DAP)	2
54	CHARACTERIZATION GRAPHENE OXIDE (GO)	2
55	DETECTION (LOD)	2
56	ENERGY DISPERSIVE SPECTROMETER (EDS)	2
57	MEMBRANE FILTRATION PEROXYMONOSULFATE (PMS)	2
58	ASCORBIC ACID (AA)	2
59	PHOSPHATE BUFFER SOLUTION (PBS)	2
60	ASSEMBLED ACTIVATED CARBON (AC)	2
61	ATOMIC FORCE MICROSCOPY (AFM)	2
62	URIC ACID (UA)	2
63	ACTIVATED CARBON (AC)	2
64	FAST FOURIER TRANSFORMATION (FFT)	2
65	PHOTOCATALYTIC COMPOSITE MEMBRANE (RGO)	2
66	PEROXYMONOSULFATE (PMS)	2
67	REMOVAL RHODAMINE B (RHB)	2
68	THERMO- GRAVIMETRIC ANALYSIS (TGA)	2
69	GALVANOSTATIC CHARGE-DISCHARGE (GCD)	2
70	MODES LONGITUDINAL OPTICAL (LO)	1
71	MODIFICATION SEQUESTER TOXIC (II)	1
72	OPENING HALF ROLLING (IV)	1
73	OPEN CIRCUIT VOLTAGE (VOC)	1
74	OUTPUT VOLTAGE (VOC)	1
75	OXIDATION METHOD ADVANCED-OXIDATION (AOP)	1
76	OXIDATION PEAK (MA)	1
77	OPTICAL BAND GAP (EG)	1
78	MIN QUALIFIER IONS (M/Z)	1
79	ORGANIC SOLVENT NANOFILTRATION (OSN)	1
80	MICROSPHERES BORON NITRIDE (BN)	1
81	ORGANIC POLLUTANTS PEROXYDISULFATE (PDS)	1
82	MICROSPHERES GRAPHENE OXIDE (RGO)	1
83	ORGANIC POLLUTANTS BISPHENOL (BPA)	1
84	METHOD SUPPLEMENTARY INFORMATION (SI)	1
85	MIXED GRAPHENE OXIDE (RGO)	1

265	REFLECTION LOSS (RL)	1
266	RELATES CHARGE-TRANSFER RESISTANCE (RCT)	1
267	RELATIVE HUMIDITY (RH)	1
268	RELATIVE STANDARD DEVIATIONS (RSD)	1
269	RELATIVE WARBURG IMPEDANCE (WO)	1
270	RESISTANCE CHARGE TRANSFER (RCT)	1
271	RESPONSE CATALYST DOSAGE (ML)	1
272	RGO (D-F)	1
273	ACCEPTOR (PDS)	1
274	ACOUSTICAL PHONON MODE (ZA)	1
275	ACIDITY COEFFICIENT (PKA)	1
276	ABSORPTION BANDWIDTH (EAB)	1
277	DIRECT GRAPHENE OXIDE (GO)	1
278	DISSOLVED OXYGEN (DO)	1
279	DISPERSIVE X-RAY SPECTROSCOPY (EDS)	1
280	DISPERSIONS GRAPHENE OXIDE (GO)	1
281	DISCHARGE (GCD)	1
282	DIMETHYLFORMAMIDE (DMF)	1
283	DISTRIBUTION ELEMENTS COBALT (CO)	1
284	DIFFERENTIAL VOLTAMMETRY (DPV)	1
285	DIETHYL CARBONATE (DEC)	1
286	DISTRIBUTION ANALYZED BARRETT-JOYNER-HALENDA (BJH)	1
287	ELECTROCHEMICAL ANCHORED CHROMIUM (II)	1
288	ELASTOMERIC THERMOPLASTIC POLYURETHANE (TPU)	1
289	EFFECT METAL-ORGANIC FRAMEWORK (MOF)	1
290	EDIFFERENTIAL SCANNING CALORIMETRY (DSC)	1
291	EAB (GHz)	1
292	DYE (RHB)	1
293	DOWN ROOM TEMPERATURE (RT)	1
294	DOUBLE-LAYER PHASE-SHIFT DEVIATIONS (NDL)	1
295	DOUBLE-LAYER (CDL)	1
296	DOPED COPPER OXIDE (CUO)	1
297	DIAMETER DISTRIBUTION BARRETTJOYNERHALENDA (BJH)	1
298	DEVICE SHORT CIRCUIT (ISC)	1
299	CYCLIC VOLTAMME- TRY (CV)	1
300	CUBIC CRYSTALLINE SIZE (NM)	1
301	COVALENT ORGANIC FRAMEWORKS (COF)	1
302	DEVICE OUTPUT VOLTAGE (VOC)	1
303	DEPENDENCE DOUBLE RESONANCE (DR)	1
304	DETECTION TRACE PB (II)	1
305	DETECTION CHLOROGENIC ACID (CGA)	1
306	DESODIATION CYCLIC VOLTAMMETRY (CV)	1
307	DEIONIZED (DI)	1
308	DECORATED GRAPHENE OXIDE (RGO)	1
309	ELECTROCHEMICAL BEHAVIOR PB (II)	1

173	Assistance Hybrid Composite	2
174	Composite Adsorption Graphene	2
175	Composite Bonding Destruction	2
176	Composite Broad Water	2
177	Composite Capacitance Retention	2
178	Composite Active Protection	2
179	Bonding Destruction Composite	2
180	Characterization Ctab-Rgo-Fe3O4 Composite	2
181	Composite 2D Materials	2
182	Composite Membrane Material	2
183	Composites Gmz Capacitance	2
184	Composites Anode Materials	2
185	Composites Coated Graphene	2
186	Composites Solid Phase	2
187	Composites High Bending	2
188	Composites Hydrothermal Calcination	2
189	Composites Hydrothermal Method	2
190	Composites In-Situ Deposition	2
191	Composites Metal Oxide	2
192	Composites Microwave Absorption	2
193	Composites Microwave Irradiation	2
194	Composite Peo Coating	2
195	Composite Negative Staining	2
196	Composite Oxidative Degradation	2
197	Composite Photocatalyst Degradation	2
198	Composite Membrane Order	2
199	Composite Membrane Purification	2
200	Composite Membranes Separation	2
201	Composite Real Water	2
202	Composite Tool Water	2
203	Composite Ultrasonically Graphene	2
204	Composite Restrict Dissolution	2
205	Composite Sample Resistance	2
206	Composite Spray Drying	2
207	Composite Structure Depicting	2
208	Graphene Composites Electrochemical	2
209	Oxide Composites Electrochemical	2
210	Experimental Composite Proportion	2
211	Oxide Composite Graphene	2
212	Oxide Nanocomposite Graphene	2
213	Properties Composite Materials	2
214	Degradation Composite Material	2
215	Composition Composite Materials	2
216	Oxide Nanocomposites Adsorption	2

EXPERIMENTAL

No	Names	Counts
1	Experimental Theoretical Spectroscopic	2
2	Composite Experimentally Recording	2
3	Experimental Optimized Parameters	2
4	Experimental Procedures Degradation	2
5	Experimental Relative Standard	2
6	Models Fitting Experimental	2
7	Parameters Fitting Experimental	2
8	Water Ethanol Experimental	2
9	Experimental Analysis Solution	2
10	Experimental Characterization Test	2
11	Experimental Composite Proportion	2
12	Optimization Experimental Order	2
13	Parts Experiments Processing	2
14	EXPERIMENTS PHOSPHATE BUFFER (PB)	1

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41	Material Rechargeable Aqueous	2
42	Material Acetone Sensing	2
43	Rgo Electrode Material	2
44	High-Performance Anode Material	2
45	Composite Material Suction	2
46	Composite Material Suction-Filtered Ca	2
47	Functional Materials	2
48	Oxide Nanosheets Sensing Materials Gas	2
49	Sensing Materials Gas	2
50	Nanomaterial Acetone Sensing	2
51	Nanomaterial Acetone Sensing Properties Chemical	2
52	Layered Materials Anchoring	2
53	Carbon Material Properties	2
54	Carbon Electrode Material	2
55	Carbon Nanomaterial-Iron Oxides	2
56	Carbon Materials Graphene	2
57	Absorbing Materials Characteristics	2
58	Characteristics Bulk Materials	2
59	Materials Integrity Composite	2
60	Materials Carbon-Based Composites	2
61	Composite Graphene-Based Material	2
62	Composite 2D Materials	2
63	Composite Membrane Material	2
64	Composites Anode Materials	2
65	Effect Rgo Material	2
66	Effect Anode Material	2
67	Effect Heterogeneous Materials	2
68	Material Polymerizes Electrochemical	2
69	Modification Material Electrochemical	2
70	Materials Ultrafast Electrochemical	2
71	Materials Platform Electrochemical	2
72	Materials Core Electrochemical	2
73	Material Continuous Electrochemical	2
74	Material Silver-Aminosilane Graphene	2
75	Material Ultrasonically Graphene	2
76	Intercalating Materials Graphene	2
77	Graphene Oxide Materials	2
78	Graphene 2D Material	2
79	Materials Simultaneous Detection	2
80	Materials Persulfate-Based Oxidation	2
81	Materials Physiochemical Properties	2
82	Modification Compounding Materials	2
83	Materials Water Poisoning	2
84	Materials Weak Binding	2

130	Materials Adsorption Detection	2
131	Materials Biomolecule Methods	2
132	Materials Catalyst Surface	2
133	Materials Adsorbents Water	2
134	Materials (Caused Condensation	2
135	Material Faster Reaction	2
136	Introduction Thermoelectric Materials	2
137	Material (Gocc) Rolling	2
138	Material Electrochemical Detection	2
139	Material Characterization Scanning	2
140	Materials Fast Reaction Kinetics Sibs	2
141	Decomposition Material Operating	2
142	MATERIAL GRAPHENE OXIDE (RGO)	1
143	MATERIALS GRAPHENE OXIDE (GO)	1

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METHOD

No	Names	Counts
1	Method 1 M	5
2	Facile Hydrothermal Method	2
3	Method Parabens Antarctic	2
4	Facile Ball-Milling Method	2
5	Simple Hydrolysis Method	2
6	Simple Hydrothermal Method	2
7	Methods Noble Metal	2
8	Method Feces Sample	2
9	Method Real Sample	2
10	Conventional Methods	2
11	Hydrothermal Method Lyophilization	2
12	Standard Method Analysis	2
13	Analysis Method Quantification	2
14	Method Glassy Carbon	2
15	Composites Hydrothermal Method	2
16	Method Synergistic Effect	2
17	Methods Esr Electrochemical	2
18	Methods Analyse Electrochemical	2
19	Electrochemical Sensor Method	2
20	Method Intercalated Graphene	2
21	Method Thermal Graphene	2
22	Graphene Oxide Method	2
23	Materials Methods Graphene	2
24	Materials Biomolecule Methods	2
25	Parameter Dspe Method	2
26	Parameters Extraction Method	2
27	Method Youngelaplace Fitting	2
28	Methods - Scoping	2
29	Methods Graphene Oxide	2
30	Standard Bet Method	2
31	Standard Solutions Method	2
32	Surface Analysis Method	2
33	Synthesis Solution Methods	2
34	Using Theoretical Methods	2
35	Water Treatment Methods	2
36	Standard Equation Method	2
37	Extraction (Dspe) Method	2
38	Detection Parameters Method	2
39	Method Hightemperature Calcination	2
40	Method Hplc-Uv System	2

MODEL

No	Names	Counts
1	Order Kinetic Model	14
2	Freundlich Isotherm Model	5
3	Model Plots Adsorption	4
4	Model Pseudo-Second Order	4
5	Model Fits Data	3
6	Pseudo-Second Order Model	2
7	Model Slgo Rolled	2
8	Order Kinetic Model Pseudo-Second Order	2
9	Model Pseudo-Second Order Model Plots	2
10	Order Model Plots	2
11	Isotherm Model Adsorption	2
12	Models Fitting Experimental	2
13	Models Drinking Water	2
14	Modeling Eis Data	2
15	Modeling Gas Aqueous	2
16	Degradation Ffa Modeled	2
17	Atomic-Scale Computer Modeling	2
18	Adsorption Kinetics Modeled	2
19	Adsorption Isotherm Modeled	2
20	Function Animal Model	2
21	Geometries Dft-D Modeling	2
22	Histidine Clusters Modeling	2
23	Histidine Clusters Modeling Gas Aqueous	2
24	Model Device Testing	2

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OXIDE

No	Names	Counts
1	Graphene Oxide (Rgo)	33
2	Graphene Oxide (Go)	22
3	Iron Cobalt Oxide	19
4	GRAPHENE OXIDE (RGO)	19
5	Reduced Graphene Oxide	18
6	Graphene Oxide Composite	18
7	Synthesis Graphene Oxide	18
8	Graphene Oxide Sheets	12
9	Graphene Oxide Composites	12
10	GRAPHENE OXIDE (GO)	10
11	Co-Doped Graphene Oxide	7
12	Graphene Oxide Nanocomposites	6
13	Graphene Oxide Membranes	6
14	LAYERED DOUBLE HYDROXIDE (LDH)	6
15	Graphene Oxide Nanocomposite	5
16	Graphene Oxide Nanosheets	5
17	Graphene Oxide Aerogels	5
18	Oxide Graphene Oxide	5
19	Decorated Graphene Oxide	5
20	Zirconium Oxide Composites	4
21	Graphene Oxide Graphene	4
22	Doped Graphene Oxide	4
23	Oxide Silver Doped	4
24	Oxide Ring Opening	4
25	Functionalized Graphene Oxide	4
26	Iron Cobalt Oxide Silver Doped	4
27	Nanocubes Graphene Oxide	4
28	Analysis Graphene Oxide	4
29	Oxide (Rgo) Composites	4
30	Graphene Oxide-Fe3O4 Composites	4
31	Graphene Oxide Electrochemical	4
32	Graphene Oxide-Iron Oxide	4
33	Graphene Oxide) Coating	4
34	Oxide (Go) Graphene	4
35	Oxide (Rgo) Graphene	4
36	Graphene Oxide Solution	4
37	Material Metal Oxides	4
38	Material Graphene Oxide	4
39	Functionalization Graphene Oxide	4
40	Properties Graphene Oxide	4

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PARAMETER

No	Names	Counts
1	Unit Cell Parameters	3
2	Impedance Spectroscopy Parameters	3
3	Parameters Mild Steel	2
4	Experimental Optimized Parameters	2
5	Parameters Fitting Experimental	2
6	Parameter Dspe Method	2
7	Parameters Extraction Method	2
8	Detection Parameters Method	2
9	Parameters High Detection	2
10	Parameters Method Measuring	2
11	Parameters Microwave Absorption	2
12	Selecting Sorbent Parameter	2
13	Mixing Period Parameter	2
14	Parameter Attain Adsorption	2

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SYSTEM

No	Names	Counts
1	Gt-Rgo10 Mediated System	8
2	Composites Three-Electrode System	4
3	Analyzed Hplc-Uv System	2
4	Drug Delivery Systems	2
5	Cross-Flow Filtration System	2
6	System Organic Pollutants	2
7	Materials Convergence System	2
8	Method Hplc-Uv System	2
9	Reactions Complex Systems	2
10	Standard Electrode System	2
11	Standard Three-Electrode System	2
12	System Corrosion Protection	2
13	System Energy Desalination	2
14	System Equal Concentration	2
15	Transportation Electrochemical System	2
16	Degradation Efficiencies Systems	2
17	Composition Membrane System	2
18	Oxidation Ternary System	2
19	SYSTEM ELECTRON DONOR (SA)	1
20	ENERGY STORAGE SYSTEMS (ESS)	1

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- photocatalysis and mechanism insight, *Journal of Colloid and Interface Science*, Volume 614, 2022, Pages 677-689, ISSN 0021-9797
74. Zahra Lotfi, Mohammad Bagher Gholivand, Mojtaba Shamsipur, Mahin mirzaei, An electrochemical sensor based on Ag nanoparticles decorated on cadmium sulfide nanowires/reduced graphene oxide for the determination of acyclovir, *Journal of Alloys and Compounds*, Volume 903, 2022, 163912, ISSN 0925-8388
75. Marek Wojnicki, Beata Michorczyk, Konrad Wojtaszek, Dawid Kutyla, Karolina Kotczyk-Siedlecka, Stanisław Małecki, Angelika Wrzesińska, Marcin Kozanecki, Przemysław Kwolek, Marta Gajewska, Robert P. Socha, Edit Csapó, Marc Escrivà-Gelonch, Volker Hessel, Zero waste, single step methods of fabrication of reduced graphene oxide decorated with gold nanoparticles, *Sustainable Materials and Technologies*, Volume 31, 2022, e00387, ISSN 2214-9937
76. Ting-Wei Lee, I-Chen Tsai, Yu-Fang Liu, Chiaying Chen, Upcycling fruit peel waste into a green reductant to reduce graphene oxide for fabricating an electrochemical sensing platform for sulfamethoxazole determination in aquatic environments, *Science of The Total Environment*, Volume 812, 2022, 152273, ISSN 0048-9697
77. M. Pinzón, O. Avilés-García, A.R. de la Osa, A. de Lucas-Consuegra, P. Sánchez, A. Romero, New catalysts based on reduced graphene oxide for hydrogen production from ammonia decomposition, *Sustainable Chemistry and Pharmacy*, Volume 25, 2022, 100615, ISSN 2352-5541
78. Bi Tian, Yu-hua Wang, Mei-Qi Hao, Jiong Shu, Yi-tong Wang, Tian-jie Xu, Achieving of high utilization of reduced graphene Oxide-TiO₂ nanoparticle composites via oxygen bonds for enhanced optical limiting performance, *Journal of Luminescence*, Volume 244, 2022, 118696, ISSN 0022-2313
79. Xiao-Xiao Yang, Cun-Jian He, Yun-Lei Hou, Yun-Qian Wang, Meng-Xin Ren, Bu-Yue Lei, Wen-Jie Meng, Dong-Lin Zhao, In-situ growth engineering of nano-sheets SnS₂ on S-doped reduced graphene oxide for high lithium/sodium storage capacity, *Journal of Electroanalytical Chemistry*, Volume 904, 2022, 115947, ISSN 1572-6657
80. R. Karan, Sina Karatekin, Süleyman Sevdâ İldan Özmen, Meltem Kahya Dudukcu, N-doped reduced graphene oxide/ZnO/nano-Pt composites for hydrogen peroxide sensing, *Materials Chemistry and Physics*, Volume 280, 2022, 125792, ISSN 0254-0584
81. Mian Wu, Xiangju Song, Xiaoqian Zhang, Chengli Jiao, Heqing Jiang, A reduced pressure-assisted vapor penetration of ionic liquid into the laminated graphene oxide membranes for efficient CO₂ separation, *Separation and Purification Technology*, Volume 287, 2022, 120514, ISSN 1383-5866
82. V. Nithya Priya, M. Rajkumar, J. Mobika, S.P. Linto Sibi, Adsorption of As (V) ions from aqueous solution by carboxymethyl cellulose incorporated layered double hydroxide/reduced graphene oxide nanocomposites: Isotherm and kinetic studies, *Environmental Technology & Innovation*, Volume 26, 2022, 102268, ISSN 2352-1864
83. Xiaoqiang An, Zhiang Hou, Yue Yu, Jiangpeng Wang, Huachun Lan, Huijuan Liu, Jiuhui Qu, Red mud supported on reduced graphene oxide as photo-Fenton catalysts for organic contaminant degradation, *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, Volume 640, 2022, 128461, ISSN 0927-7757
84. A. Madhan Kumar, Jobin Jose, Mohamed A. Hussein, Novel polyaniline/chitosan/reduced graphene oxide ternary nanocomposites: Feasible reinforcement in epoxy coatings on mild steel for corrosion protection, *Progress in Organic Coatings*, Volume 163, 2022, 106678, ISSN 0300-9440

85. Weiwen Chen, Yi Peng, Zenghui Qiu, Xin Zhang, Haijun Xu, 3D hierarchical Ti₃C₂TX @NiO-reduced graphene oxide heterostructure hydrogel as free-standing electrodes for high performance supercapacitor, *Journal of Alloys and Compounds*, Volume 901, 2022, 163614, ISSN 0925-8388
86. Thuy Thanh Doan Nguyen, De Nguyen, Hoan Ngoc Doan, Phu Phong Vo, Vu Tan Huynh, Van Ha Hoang, Thang Bach Phan, Kenji Kinashi, Phuong Tuyet Nguyen, In-depth understanding of the photoreduction of graphene oxide to reduced-graphene oxide on TiO₂ surface: Statistical analysis of X-ray photoelectron and Raman spectroscopy data, *Applied Surface Science*, Volume 581, 2022, 152325, ISSN 0169-4332
87. Yizhe Chen, Yanyun Ma, Yuqiao Zhou, Yufu Huang, Shumin Li, Yan Chen, Ranran Wang, Junping Tang, Peng Wu, Xueling Zhao, Cheng Chen, Zhigang Zhu, Shuai Chen, Kai Cheng, Donghai Lin, Enhanced methanol oxidation on PtNi nanoparticles supported on silane-modified reduced graphene oxide, *International Journal of Hydrogen Energy*, Volume 47, Issue 10, 2022, Pages 6638-6649, ISSN 0360-3199
88. Zhengyun Zhang, Yirong Fang, Lin Zhuo, Hang Yuan, Lishu Zhang, Reduced graphene oxide wrapped Fe₃O₄@TiO₂ yolk-shell nanostructures as a magnetic recyclable photocatalytic antibacterial agent, *Journal of Alloys and Compounds*, 2022, 164001, ISSN 0925-8388
89. Fatemeh Mahdi, Mehran Javanbakht, Saeed Shahrokhian, In-site pulse electrodeposition of manganese dioxide/reduced graphene oxide nanocomposite for high-energy supercapacitors, *Journal of Energy Storage*, Volume 46, 2022, 103802, ISSN 2352-152X
90. D. Ben Jemia, M. Karyaoui, M.A. Wederni, I. Ben Assaker, M.V. Martinez-Huerta, R. Chtourou, Physical properties of Zinc oxide thin films coated by reduced graphene oxide for enhanced photoelectrochemical activity, *Thin Solid Films*, 2022, 139120, ISSN 0040-6090
91. Weihua Guo, Huiling Xu, Cheng Chen, Xiaohong Cao, Jiaqun Ma, Yunhai Liu, Determination of U(VI) by differential pulse stripping voltammetry using a polydopamine/reduced graphene oxide nanocomposite modified glassy carbon electrode, *Microchemical Journal*, Volume 175, 2022, 107111, ISSN 0026-265X
92. Elif Temur, Mevlut Eyyigit, Hülya Öztürk Doğan, Emir Çepni, Ümit Demir, Electrochemical fabrication and reductive coupling of electrochemically reduced graphene oxide decorated with TiO₂ electrode with highly enhanced photoresponse under visible light, *Applied Surface Science*, Volume 581, 2022, 152150, ISSN 0169-4332
93. Yash Joshi, Avinash Umasankaran, Christopher Klaassen, Mohammed AlAmer, Yong Lak Joo, Critical roles of reduced graphene oxide in the electrochemical performance of silicon/reduced graphene oxide hybrids for high rate capable lithium-ion battery anodes, *Electrochimica Acta*, Volume 404, 2022, 139753, ISSN 0013-4686, Mohammad Hossein Ghanbari, Mohammad Hossein Mashhadizadeh, Zahra Norouzi, Hamid Salehzadeh, Simultaneous electrochemical detection of uric acid and xanthine based on electrodeposited B, N co-doped reduced graphene oxide, gold nanoparticles and electropolymerized poly (L-cysteine) gradually modified electrode platform, *Microchemical Journal*, Volume 175, 2022, 107213, ISSN 0026-265X
94. Likun Li, Junfu Chen, Haitao Gao, Fengmei Liu, Zhenglong Li, Qi Li, Jun Zhang, Hierarchical sandwich NiFe layered double hydroxide/reduced graphene oxide for high energy density asymmetric supercapacitors, *Journal of Electroanalytical Chemistry*, Volume 907, 2022, 116065, ISSN 1572-6657
95. Ziyi Feng, Yifu Zhang, Xiaomeng Yu, Yuting Yu, Chi Huang, Changgong Meng, Aluminum-ion intercalation and reduced graphene oxide wrapping enable the electrochemical properties of hydrated V₂O₅ for Zn-ion storage, *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 2022, 128473, ISSN 0927-7757