

# Umesh Narasimha Murthy

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

267  
citations

840776

11  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel voltammetric detection of norfloxacin in urine and blood serum using a flexible Ni foam based Ni-Co-MOF ultrathin nanosheets derived from Ni-Co-LDH. <i>Microchemical Journal</i> , 2021, 160, 105747.	4.5	25
2	The simultaneous electrochemical determination of furazolidone and dimetridazole using transition metal titanates with an ilmenite type structure. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15263-15275.	5.5	24
3	Preparation of Co-MOF derived Co(OH) <sub>2</sub> /multiwalled carbon nanotubes as an efficient bifunctional electro catalyst for hydrazine and hydrogen peroxide detections. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 93, 79-86.	5.3	22
4	Synthesis of core-shell-like structure SnS <sub>2</sub> -SnO <sub>2</sub> integrated with graphene nanosheets for the electrochemical detection of furazolidone drug in furoxone tablet. <i>Journal of Molecular Liquids</i> , 2020, 313, 113554.	4.9	21
5	An enhanced electrochemical performance of in milk, pigeon meat and eggs samples using se nanorods capped with Co <sub>3</sub> O <sub>4</sub> nanoflowers decorated on graphene oxide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 200, 111577.	5.0	21
6	Fabrication of highly sensitive anticancer drug sensor based on heterostructured ZnO-Co <sub>3</sub> O <sub>4</sub> capped on carbon nitride nanomaterials. <i>Microchemical Journal</i> , 2021, 167, 106244.	4.5	18
7	Ultrasensitive electrochemical detection of an antibiotic drug furaltadone in fish tissue with a ZnO-ZnCo <sub>2</sub> O <sub>4</sub> self-assembled nano-heterostructure as an electrode material. <i>Microchemical Journal</i> , 2021, 169, 106566.	4.5	18
8	An electrochemical sensing of phenolic derivative 4-Cyanophenol in environmental water using a facile-constructed Aurivillius-structured Bi <sub>2</sub> MoO <sub>6</sub> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111701.	6.0	17
9	A novel amperometric determination of flufenamic acid using CuMOF ribbons incorporated with activated carbon. <i>New Journal of Chemistry</i> , 2020, 44, 12586-12594.	2.8	14
10	Trace level electrochemical detection of mesalazine in human urine sample using poly (N-Vinyl)-2-Pyrrolidone capped Bi-EDTA complex sheets incorporated with ultrasonically exfoliated graphene oxide. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 122, 67-77.	5.3	14
11	Highly selective electrochemical detection of diphenylamine in apple samples using rod shaped CuCo <sub>2</sub> O <sub>4</sub> derived from bimetallic organic frameworks. <i>Microchemical Journal</i> , 2021, 165, 106146.	4.5	13
12	A fascinating multifunctional bis(2-(4,5-diphenyl-1H-imidazol-2-yl)phenoxy)nickel complex: An excellent electrode material for supercapacitor and uric acid sensor. <i>Materials Research Bulletin</i> , 2019, 118, 110482.	5.2	12
13	Simple and Highly Selective Electrochemical Sensor Constructed Using Silver Molybdate Nano-Wire Modified Electrodes for the Determination of Oxidative Stress Biomarker in Blood Serum and Lens Cleaning Solution. <i>Journal of the Electrochemical Society</i> , 2020, 167, 147501.	2.9	12
14	Pt Nanoparticle-Decorated Se Rods for Electrochemical Detection of 17 $\beta$ -Estradiol and Methanol Oxidation. <i>ACS Applied Nano Materials</i> , 2022, 5, 1944-1957.	5.0	10
15	Amperometric detection of antibiotic drug ciprofloxacin using cobalt-iron Prussian blue analogs capped on carbon nitride. <i>Mikrochimica Acta</i> , 2022, 189, 31.	5.0	10
16	Electrochemical determination of Hg <sup>2+</sup> in sakura shrimp and drinking water using f-CNF/TeO <sub>2</sub> composite. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 12973-12982.	2.2	8
17	Phosphate-mediated Silver Nanodentrites Modified Glassy Carbon Electrode for the Determination of Nitrophenol. <i>International Journal of Electrochemical Science</i> , 2018, 13, 4946-4955.	1.3	4
18	Silver-capped selenium explored as an electro-catalyst for simultaneous detection of nitro-aromatic drugs in different aqueous samples. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 108, 243-253.	5.8	3

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19	Promotional effects of Pt@CeO <sub>2</sub> fabricated by hydrothermal leaching of Al <sub>78</sub> Ce <sub>22-x</sub> Ptx (x = 0, 0.1) intermetallic compound for efficient catalytic CO oxidation. Journal of Solid State Chemistry, 2022, 309, 122984.	2.9	1