

Jafar Soleymani

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6375207/jafar-soleymani-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83

papers

1,073

citations

20

h-index

28

g-index

89

ext. papers

1,373

ext. citations

5.4

avg, IF

5.08

L-index

#	Paper	IF	Citations
83	Dendrimer-encapsulated and cored metal nanoparticles for electrochemical nanobiosensing. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 53, 137-149	14.6	62
82	A new kinetic-mechanistic approach to elucidate electrooxidation of doxorubicin hydrochloride in unprocessed human fluids using magnetic graphene based nanocomposite modified glassy carbon electrode. <i>Materials Science and Engineering C</i> , 2016 , 61, 638-50	8.3	61
81	Targeting and sensing of some cancer cells using folate bioreceptor functionalized nitrogen-doped graphene quantum dots. <i>International Journal of Biological Macromolecules</i> , 2018 , 118, 1021-1034	7.9	54
80	Co-delivery of curcumin and Bcl-2 siRNA by PAMAM dendrimers for enhancement of the therapeutic efficacy in HeLa cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 188, 110762	6	52
79	Highly sensitive and specific cytosensing of HT 29 colorectal cancer cells using folic acid functionalized-KCC-1 nanoparticles. <i>Biosensors and Bioelectronics</i> , 2019 , 132, 122-131	11.8	50
78	Solubility prediction of drugs in mixed solvents using partial solubility parameters. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 4368-82	3.9	46
77	Probing the specific binding of folic acid to folate receptor using amino-functionalized mesoporous silica nanoparticles for differentiation of MCF 7 tumoral cells from MCF 10A. <i>Biosensors and Bioelectronics</i> , 2018 , 115, 61-69	11.8	44
76	A novel paper based immunoassay of breast cancer specific carbohydrate (CA 15.3) using silver nanoparticles-reduced graphene oxide nano-ink technology: A new platform to construction of microfluidic paper-based analytical devices (PADs) towards biomedical analysis. <i>Microchemical Journal</i> , 2019 , 146, 345-358	4.8	36
75	Electrochemical sensing of doxorubicin in unprocessed whole blood, cell lysate, and human plasma samples using thin film of poly-arginine modified glassy carbon electrode. <i>Materials Science and Engineering C</i> , 2017 , 77, 790-802	8.3	35
74	Spectrofluorimetric determination of folic acid in tablets and urine samples using 1,10-phenanthroline-terbium probe. <i>Luminescence</i> , 2011 , 26, 106-11	2.5	31
73	Solubility Determination of Tris(hydroxymethyl)aminomethane in Water + Methanol Mixtures at Various Temperatures Using a Laser Monitoring Technique. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 2305-2309	2.8	30
72	Optical immunosensing of effective cardiac biomarkers on acute myocardial infarction. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 51, 158-168	14.6	26
71	Advanced materials for optical sensing and biosensing of neurotransmitters. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 72, 27-44	14.6	25
70	Application of bioactive cyclic oligosaccharide on the detection of doxorubicin hydrochloride in unprocessed human plasma sample: A new platform towards efficient chemotherapy. <i>Microchemical Journal</i> , 2019 , 145, 450-455	4.8	24
69	Determination of aflatoxin M1 using an aptamer-based biosensor immobilized on the surface of dendritic fibrous nano-silica functionalized by amine groups.. <i>Analytical Methods</i> , 2019 , 11, 3910-3919	3.2	22
68	Materials and methods of signal enhancement for spectroscopic whole blood analysis: Novel research overview. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 86, 122-142	14.6	21
67	Determination of deferiprone in urine and serum using a terbium-sensitized luminescence method. <i>Luminescence</i> , 2012 , 27, 268-73	2.5	21

66	Mathematical Representation of Viscosity of Ionic Liquid + Molecular Solvent Mixtures at Various Temperatures Using the Jouyban-Acree Model. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 1523-1528	2.8	21
65	Ultrasensitive immunoassay of tumor protein CA 15.3 in MCF-7 breast cancer cell lysates and unprocessed human plasma using gold nanoparticles doped on the structure of mesoporous silica. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 2493-2508	7.9	21
64	Probing the antigen-antibody interaction towards ultrasensitive recognition of cancer biomarker in adenocarcinoma cell lysates using layer-by-layer assembled silver nano-cubics with porous structure on cysteamine capped GQDs. <i>Microchemical Journal</i> , 2018 , 143, 379-392	4.8	21
63	Solubility of ranitidine hydrochloride in solvent mixtures of PEG 200, PEG 400, ethanol and propylene glycol at 25°C. <i>Journal of Molecular Liquids</i> , 2013 , 182, 91-94	6	20
62	The role of nanomaterials on the cancer cells sensing based on folate receptor: Analytical approach. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 125, 115834	14.6	19
61	Solubility of Ketoconazole in Polyethylene Glycol 200 + Water Mixtures at 298.2±0.2 K. <i>Journal of Solution Chemistry</i> , 2014 , 43, 950-958	1.8	17
60	Spectrofluorimetric cytosensing of colorectal cancer cells using terbium-doped dendritic fibrous nano-silica functionalized by folic acid: A novel optical cytosensor for cancer detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 180, 113077	3.5	14
59	Solubilization of lamotrigine using Tween 80 and ethylene glycol or propylene glycol. <i>Journal of Molecular Liquids</i> , 2017 , 236, 249-253	6	13
58	Advanced nanomaterials towards biosensing of insulin: Analytical approaches. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 116, 1-12	14.6	13
57	KCC-1/Pr-SO ₃ H: an efficient heterogeneous catalyst for green and one-pot synthesis of 2,3-dihydroquinazolin-4(1H)-one. <i>Nanocomposites</i> , 2020 , 6, 31-40	3.4	13
56	Nanomaterials based optical biosensing of hepatitis: Recent analytical advancements. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 107, 169-180	14.6	13
55	Ultrasensitive immunoassay of breast cancer type 1 susceptibility protein (BRCA1) using poly (dopamine-beta cyclodextrine-Cetyl trimethylammonium bromide) doped with silver nanoparticles: A new platform in early stage diagnosis of breast cancer and efficient management. <i>Microchemical Journal</i> , 2019 , 145, 770-780	4.8	12
54	Iron oxide magnetic nanoparticles supported on amino propyl-functionalized KCC-1 as robust recyclable catalyst for one pot and green synthesis of tetrahydrodipyrzolo-pyridines and cytotoxicity evaluation. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5440	3.1	11
53	Solubility of Etoricoxib in Aqueous Solutions of Glycerin, Methanol, Polyethylene Glycols 200, 400, 600, and Propylene Glycol at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2018 , 63, 321-330	2.8	11
52	Solubility of Tris(hydroxymethyl)aminomethane in Water + 1-Propanol Mixtures at Various Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 3723-3727	2.8	11
51	Multi-spectroscopic, thermodynamic and molecular docking insights into interaction of bovine serum albumin with calcium lactate. <i>Microchemical Journal</i> , 2020 , 154, 104580	4.8	11
50	Determination of methotrexate in biological fluids and a parenteral injection using terbium-sensitized method. <i>Iranian Journal of Pharmaceutical Research</i> , 2011 , 10, 695-704	1.1	10
49	Differentiation and targeting of HT 29 cancer cells based on folate bioreceptor using cysteamine functionalized gold nano-leaf. <i>Materials Science and Engineering C</i> , 2020 , 107, 110320	8.3	10

48	The trends in nanomaterial-based biosensors for detecting critical biomarkers in stroke. <i>Clinica Chimica Acta</i> , 2021 , 514, 107-121	6.2	10
47	Breathomics: Review of Sample Collection and Analysis, Data Modeling and Clinical Applications. <i>Critical Reviews in Analytical Chemistry</i> , 2021 , 1-27	5.2	10
46	Solubility of Tris(hydroxymethyl)aminomethane in Methanol + 1-Propanol Mixtures at Various Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 4227-4230	2.8	9
45	Determination of morphine and oxycodone in exhaled breath condensate samples: Application of microwave enhanced three-component deep eutectic solvent-based air-assisted liquid-liquid microextraction and derivatization prior to gas chromatography-mass spectrometry. <i>Journal of Chromatography B</i> , 2020 , 1153, 122256	3.2	8
44	Sensing and bioimaging of lead ions in intracellular cancer cells and biomedical media using amine-functionalized silicon quantum dots fluorescent probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 256, 119747	4.4	8
43	Viscosity prediction of ionic liquid + molecular solvent mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2018 , 263, 228-236	6	7
42	Solubility of trisodium citrate in water + methanol mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2016 , 221, 166-170	6	7
41	Solubility of Sodium Acetate in Binary Mixtures of Methanol, 1-Propanol, Acetonitrile, and Water at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 3399-3404	2.8	7
40	Low potential detection of doxorubicin using a sensitive electrochemical sensor based on glassy carbon electrode modified with silver nanoparticles-supported poly(chitosan): A new platform in pharmaceutical analysis. <i>Microchemical Journal</i> , 2021 , 165, 106101	4.8	7
39	Avoid using spectrophotometric determination of malondialdehyde as a biomarker of oxidative stress. <i>Biomarkers in Medicine</i> , 2018 , 12, 551-554	2.3	6
38	Solubilization of celecoxib, lamotrigine and phenytoin using ethanol and a nonionic surfactant. <i>Journal of Molecular Liquids</i> , 2017 , 243, 715-719	6	6
37	Development and Validation of a Terbium-Sensitized Luminescence Analytical Method for Deferiprone. <i>Iranian Journal of Pharmaceutical Research</i> , 2012 , 11, 771-80	1.1	6
36	Cu/Fe ₃ O ₄ NPs@imidazole IL-KCC-1 as a leach proof nanocatalyst for the synthesis of imidazo[1,2-a]pyridines in aqueous medium. <i>Applied Organometallic Chemistry</i> , 2021 , 35,	3.1	6
35	Solubility of Tris(hydroxymethyl)aminomethane in Water + Methanol +1-Propanol Mixtures at Various Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 2515-2520	2.8	5
34	Solubility of Anthracene in C ₁₀ -13 Alcohols from (298.2 to 333.2) K and Their Mixtures with 2-Propanone at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 5319-5322	2.8	5
33	Were magnetic materials useful in cancer therapy?. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 144, 112321	7.5	5
32	A possible reason for the low reproducibility of malondialdehyde determinations in biological samples. <i>Bioanalysis</i> , 2016 , 8, 2179-2181	2.1	5
31	Glycoprotein-based bioimaging of HeLa cancer cells by folate receptor and folate decorated graphene quantum dots. <i>Microchemical Journal</i> , 2021 , 170, 106732	4.8	5

30	Carbon-based aerogels for biomedical sensing: Advances toward designing the ideal sensor. <i>Advances in Colloid and Interface Science</i> , 2021 , 298, 102550	14.3	4
29	Synthesis of folic acid functionalized terbium-doped dendritic fibrous nano-silica and Interaction with HEK 293 normal, MDA breast cancer and HT 29 colon cancer cells. <i>Journal of Molecular Recognition</i> , 2020 , 33, e2871	2.6	4
28	Zn/MCM-41-catalyzed unsymmetrical Hantzsch reaction and the evaluation of optical properties and anti-cancer activities of the polyhydroquinoline products. <i>Monatshefte Für Chemie</i> , 2020 , 151, 243-249	1.4	3
27	Solubility of Sodium Acetate in Ternary Mixtures of Methanol, 1-Propanol, Acetonitrile, and Water at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 2670-2676	2.8	3
26	Solubility of Anthracene in Binary and Ternary Mixtures of Cyclohexanone, Ethyl Acetate, and Methanol at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2607-2609	2.8	3
25	An Improved Automated Setup for Solubility Determination of Drugs 2016 , 22, 210-214		3
24	Applications of magnetic materials in the fabrication of microfluidic-based sensing systems: Recent advances. <i>Microchemical Journal</i> , 2021 , 173, 107042	4.8	3
23	Measurement and modeling of sodium chloride solubility in binary mixtures of water + polyethylene glycol 400 at various temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 316, 113777	6	3
22	Applications of advanced materials in bio-sensing in live cells: Methods and applications. <i>Materials Science and Engineering C</i> , 2021 , 121, 111691	8.3	3
21	Sensitive monitoring of doxorubicin in plasma of patients, MDA-MB-231 and 4T1 cell lysates using electroanalysis method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 192, 113701	3.5	3
20	Effects of Analytical Procedures on the Repeatability of Malondialdehyde Determinations in Biological Samples 2017 , 23, 193-197		2
19	Solubilization of naproxen using N-methyl-2-pyrrolidone or ethanol and β -cyclodextrin. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 75-83	1.5	2
18	Applications of scaffold-based advanced materials in biomedical sensing. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 143, 116342	14.6	2
17	Solubility of Acetaminophen in Ethanol + Water + NaCl Mixtures at Various Temperatures. <i>Chemical Engineering Communications</i> , 2016 , 203, 471-475	2.2	1
16	Solubility of amlodipine besylate in binary mixtures of polyethylene glycol 400 + water at various temperatures: Measurement and modelling. <i>Journal of Molecular Liquids</i> , 2022 , 347, 118394	6	1
15	Liquid Chromatographic Determination of Malondialdehyde in Plasma Samples After Liquid-Liquid Microextraction. <i>Current Analytical Chemistry</i> , 2018 , 14, 416-422	1.7	1
14	Tb ₂ (WO ₄) ₃ @N-GQDs-FA as an efficient nanocatalyst for the efficient synthesis of α -aminoalcohols in aqueous solution. <i>Journal of Molecular Liquids</i> , 2021 , 329, 115555	6	1
13	Advanced Materials for Immunosensing of Pharmaceutical and Drug Compounds 2021 , 1, 5-5		1

12	Ultrasensitive fluorescence detection of antitumor drug methotrexate based on a terbium-doped silica dendritic probe. <i>Analytical Methods</i> , 2021 , 13, 4280-4289	3.2	1
11	Prediction of hypothetical solubility of drugs in phase separated miscible binary solvent mixtures using an interpolation technique. <i>Journal of Molecular Liquids</i> , 2021 , 335, 116518	6	1
10	Sensitive identification of silibinin as anticancer drug in human plasma samples using poly (ECD)-AgNPs: A new platform towards efficient clinical pharmacotherapy. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 140, 111763	7.5	1
9	Concanavalin A-conjugated gold nanoparticle/silica quantum dot (AuNPs/SiQDs-Con A)-based platform as a fluorescent nanoprobe for the bioimaging of glycan-positive cancer cells.. <i>RSC Advances</i> , 2022 , 12, 8492-8501	3.7	1
8	Rational design of smart nano-platforms based on antifouling-nanomaterials toward multifunctional bioanalysis.. <i>Advances in Colloid and Interface Science</i> , 2022 , 302, 102637	14.3	1
7	Applications of Advanced Materials for Non-Enzymatic Glucose Monitoring: From Invasive to the Wearable Device.. <i>Critical Reviews in Analytical Chemistry</i> , 2021 , 1-16	5.2	1
6	Magnetic sulfonated polysaccharides as efficient catalysts for synthesis of isoxazole-5-one derivatives possessing a substituted pyrrole ring, as anti-cancer agents.. <i>RSC Advances</i> , 2021 , 11, 36958-36964	3.7	0
5	Efficacy of Analytical Technologies in Metabolomics Studies of the Gastrointestinal Cancers. <i>Critical Reviews in Analytical Chemistry</i> , 2021 , 1-13	5.2	0
4	Quantification of methotrexate in plasma samples using highly fluorescent nanoparticles.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 214, 114716	3.5	0
3	A combination of amino-functionalized fibrous silica (KCC-1-NH)/effectively and efficiently oxidized graphene oxide (EEGO) nanocomposite for dispersive solid-phase extraction, pre-concentration and fluorescence determination of total para-cresol in plasma samples of chronic kidney disease patients.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 214, 114746	3.5	0
2	Solubility of amlodipine besylate in acetonitrile + water binary mixtures at various temperatures: Determination, modelling, and thermodynamics. <i>Physics and Chemistry of Liquids</i> , 1-18	1.5	0
1	Simple Determination of p-Cresol in Plasma Samples Using Fluorescence Spectroscopy Technique. <i>Iranian Journal of Pharmaceutical Research</i> , 2021 , 20, 68-78	1.1	