

Tarek M Bedair

List of Publications by Citations

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

28

papers

360

citations

11

h-index

17

g-index

29

ext. papers

459

ext. citations

4.6

avg, IF

3.54

L-index

#	Paper	IF	Citations
28	Recent advances to accelerate re-endothelialization for vascular stents. <i>Journal of Tissue Engineering</i> , 2017 , 8, 2041731417731546	7.5	50
27	Targeting EGFR/HER2 tyrosine kinases with a new potent series of 6-substituted 4-anilinoquinazoline hybrids: Design, synthesis, kinase assay, cell-based assay, and molecular docking. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 5147-54	2.9	26
26	Dithiocarbamate salts: biological activity, preparation, and utility in organic synthesis. <i>Journal of Sulfur Chemistry</i> , 2012 , 33, 605-617	2.3	26
25	Biodegradable polymer brush as nanocoupled interface for improving the durability of polymer coating on metal surface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 122, 808-817	6	22
24	Effects of interfacial layer wettability and thickness on the coating morphology and sirolimus release for drug-eluting stent. <i>Journal of Colloid and Interface Science</i> , 2015 , 460, 189-99	9.3	20
23	Reinforcement of interfacial adhesion of a coated polymer layer on a cobalt-chromium surface for drug-eluting stents. <i>Langmuir</i> , 2014 , 30, 8020-8	4	20
22	Magnesium hydroxide-incorporated PLGA composite attenuates inflammation and promotes BMP2-induced bone formation in spinal fusion. <i>Journal of Tissue Engineering</i> , 2020 , 11, 2041731420967591	7.5	19
21	Effect of various shaped magnesium hydroxide particles on mechanical and biological properties of poly(lactic-co-glycolic acid) composites. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 59, 266-276	6.3	19
20	Augmented re-endothelialization and anti-inflammation of coronary drug-eluting stent by abluminal coating with magnesium hydroxide. <i>Biomaterials Science</i> , 2019 , 7, 2499-2510	7.4	16
19	A Promising Approach for Improving the Coating Stability and In Vivo Performance of Biodegradable Polymer-Coated Sirolimus-Eluting Stent. <i>Journal of Biomedical Nanotechnology</i> , 2016 , 12, 2015-28	4	14
18	Biodegradable sheath-core biphasic monofilament braided stent for bio-functional treatment of esophageal strictures. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 67, 396-406	6.3	11
17	A Facile Method for the Synthesis of Hydrazine-4-oxothiazolidine and Imino-5-oxothiadiazine Derivatives from 1,4-Disubstituted Thiosemicarbazides. <i>Journal of Heterocyclic Chemistry</i> , 2014 , 51, 44-49	1.9	11
16	Aminonaphthoquinones in heterocyclization. <i>Journal of Heterocyclic Chemistry</i> , 2012 , 49, 9-20	1.9	11
15	Synthesis of Thiazolidin-4-ones from Substituted (Ylidene)hydrazinocarbothioamides and Dimethyl Acetylenedicarboxylate. <i>Journal of Heterocyclic Chemistry</i> , 2014 , 51, 674-682	1.9	10
14	Biocompatible and functional inorganic magnesium ceramic particles for biomedical applications. <i>Biomaterials Science</i> , 2021 , 9, 1903-1923	7.4	10
13	The effect of solvents and hydrophilic additive on stable coating and controllable sirolimus release system for drug-eluting stent. <i>Materials Science and Engineering C</i> , 2017 , 78, 39-46	8.3	9
12	Crack prevention of biodegradable polymer coating on metal facilitated by a nano-coupled interlayer. <i>Journal of Bioactive and Compatible Polymers</i> , 2014 , 29, 515-526	2	9

11	Facile synthesis of new imidazoles from direct reaction of 2,3-diamino-1,4-naphthoquinone with aldehydes. <i>Journal of Heterocyclic Chemistry</i> , 2011 , 48, 787-791	1.9	9
10	Persulfated flavonoids accelerated re-endothelialization and improved blood compatibility for vascular medical implants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 181, 174-184	6	8
9	PCL microspheres containing magnesium hydroxide for dermal filler with enhanced physicochemical and biological performances. <i>Journal of Industrial and Engineering Chemistry</i> , 2019 , 80, 854-861	6.3	8
8	Synthesis of Pyrazolylthiazole and Pyrazolyl-1,2,4-Triazepine Derivatives. <i>Journal of Chemical Research</i> , 2014 , 38, 27-31	0.6	7
7	Defined MSC exosome with high yield and purity to improve regenerative activity. <i>Journal of Tissue Engineering</i> , 2021 , 12, 20417314211008626	7.5	6
6	Covalent immobilization of fibroblast-derived matrix on metallic stent for expeditious re-endothelialization. <i>Journal of Industrial and Engineering Chemistry</i> , 2019 , 70, 385-393	6.3	5
5	NMR Study of the Naphtho-1,3-dithioles Formed from Carbamodithioates and 2,3-dichloro-1,4-naphthoquinone. <i>Journal of Chemical Research</i> , 2009 , 2009, 689-691	0.6	4
4	Sustained drug release using cobalt oxide nanowires for the preparation of polymer-free drug-eluting stents. <i>Journal of Biomaterials Applications</i> , 2018 , 33, 352-362	2.9	4
3	Dual-Layer Coated Drug-Eluting Stents with Improved Degradation Morphology and Controlled Drug Release. <i>Macromolecular Research</i> , 2018 , 26, 641-649	1.9	2
2	Improved mechanical and biological properties of biodegradable thinner poly(l-lactic acid) tubes by bi-directional drawing. <i>Journal of Industrial and Engineering Chemistry</i> , 2020 , 90, 85-94	6.3	2
1	Coating defects in polymer-coated drug-eluting stents. <i>Biomaterials and Biomechanics in Bioengineering</i> , 2014 , 1, 131-150		1