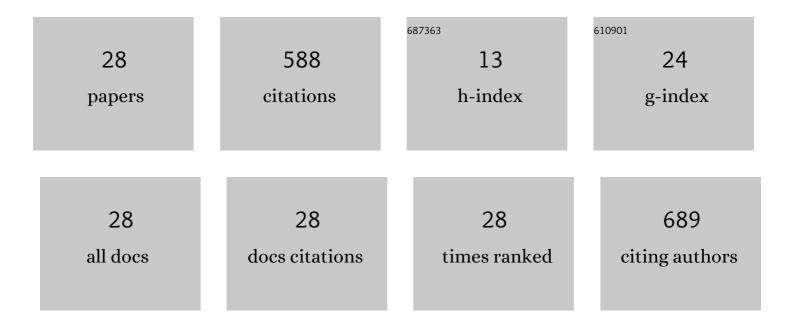
Joseph Asare

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3308524/publications.pdf

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#	Article	lF	CITATIONS
1	Extraction and encapsulation of prodigiosin in chitosan microspheres for targeted drug delivery. Materials Science and Engineering C, 2017, 71, 268-278.	7.3	72
2	PLGA-based microparticles loaded with bacterial-synthesized prodigiosin for anticancer drug release: Effects of particle size on drug release kinetics and cell viability. Materials Science and Engineering C, 2016, 66, 51-65.	7.3	65
3	Adhesion in organic electronic structures. Journal of Applied Physics, 2009, 106, .	2.5	48
4	Biosynthesis and the conjugation of magnetite nanoparticles with luteinizing hormone releasing hormone (LHRH). Materials Science and Engineering C, 2015, 46, 482-496.	7.3	47
5	Enhanced cellular uptake of LHRH-conjugated PEG-coated magnetite nanoparticles for specific targeting of triple negative breast cancer cells. Materials Science and Engineering C, 2018, 88, 32-45.	7.3	41
6	Degradable porous drug-loaded polymer scaffolds for localized cancer drug delivery and breast cell/tissue growth. Materials Science and Engineering C, 2020, 112, 110794.	7.3	38
7	Pressure-Assisted Fabrication of Perovskite Solar Cells. Scientific Reports, 2020, 10, 7183.	3.3	34
8	Micro-wrinkling and delamination-induced buckling of stretchable electronic structures. Journal of Applied Physics, 2015, 117, 235501.	2.5	27
9	Prodigiosin-loaded electrospun nanofibers scaffold for localized treatment of triple negative breast cancer. Materials Science and Engineering C, 2020, 114, 110976.	7.3	27
10	Swelling of poly(N-isopropylacrylamide) P(NIPA)-based hydrogels with bacterial-synthesized prodigiosin for localized cancer drug delivery. Materials Science and Engineering C, 2016, 59, 19-29.	7.3	25
11	Adhesion in flexible organic and hybrid organic/inorganic light emitting device and solar cells. Journal of Applied Physics, 2014, 116, 074506.	2.5	24
12	Prodigiosin release from an implantable biomedical device: kinetics of localized cancer drug release. Materials Science and Engineering C, 2014, 42, 734-745.	7.3	24
13	Pressure-assisted fabrication of organic light emitting diodes with MoO3 hole-injection layer materials. Journal of Applied Physics, 2014, 115, .	2.5	18
14	Lamination of organic solar cells and organic light emitting devices: Models and experiments. Journal of Applied Physics, 2015, 118, .	2.5	12
15	Adhesion and degradation of organic and hybrid organic-inorganic light-emitting devices. Journal of Applied Physics, 2014, 115, 084504.	2.5	11
16	An approach to optimize pre-annealing aging and anneal conditions to improve photovoltaic performance of perovskite solar cells. Materials for Renewable and Sustainable Energy, 2019, 8, 1.	3.6	11
17	Cold welding of organic light emitting diode: Interfacial and contact models. AIP Advances, 2016, 6, .	1.3	10
18	Effects of substrates on the performance of optoelectronic devices: A review. Cogent Engineering, 2020, 7, 1829274.	2.2	9

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#	Article	IF	CITATIONS
19	Deformation and Failure of Bendable Organic Solar Cells. Advanced Materials Research, 0, 1132, 116-124.	0.3	7
20	Pressure effects on interfacial surface contacts and performance of organic solar cells. Journal of Applied Physics, 2017, 122, .	2.5	7
21	A Hybrid Hole Transport Layer for Perovskite-Based Solar Cells. Energies, 2021, 14, 1949.	3.1	7
22	A shear assay study of single normal/breast cancer cell deformation and detachment from poly-di-methyl-siloxane (PDMS) surfaces. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 91, 76-90.	3.1	6
23	Failure of Stretchable Organic Solar Cells under Monotonic and Cyclic Loading. Macromolecular Materials and Engineering, 2020, 305, 2000369.	3.6	6
24	Effects of pre-buckling on the bending of organic electronic structures. AIP Advances, 2017, 7, .	1.3	5
25	Effects of pressure on nano- and micro-scale morphological changes in conjugated polymer photovoltaic cells. Journal of Materials Research, 2016, 31, 3187-3195.	2.6	3
26	Pressure-assisted fabrication of perovskite light emitting devices. AIP Advances, 2021, 11, 025112.	1.3	2
27	Pressure and thermal annealing effects on the photoconversion efficiency of polymer solar cells. AIP Advances, 2021, 11, .	1.3	2
28	Effects of blister formation on the degradation of organic light emitting devices. AIP Advances, 2022, 12, 035308.	1.3	0