

# Alvin Kuriakose Thomas

## List of Publications by Year in Descending Order

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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.

15  
papers

355  
citations

8  
h-index

15  
g-index

15  
ext. papers

494  
ext. citations

11.4  
avg, IF

3.29  
L-index

#	Paper	IF	Citations
15	Controlling Surface Wettability for Automated In Situ Array Synthesis and Direct Bioscreening. <i>Advanced Materials</i> , <b>2021</b> , 33, e2102349	24	2
14	A modular, injectable, non-covalently assembled hydrogel system features widescale tunable degradability for controlled release and tissue integration. <i>Biomaterials</i> , <b>2021</b> , 269, 120637	15.6	4
13	Controlling Surface Wettability for Automated In Situ Array Synthesis and Direct Bioscreening (Adv. Mater. 36/2021). <i>Advanced Materials</i> , <b>2021</b> , 33, 2170283	24	
12	Screening a chemically defined extracellular matrix mimetic substrate library to identify substrates that enhance substrate-mediated transfection. <i>Experimental Biology and Medicine</i> , <b>2020</b> , 245, 606-619	3.7	4
11	Using a PCR-Based Method To Analyze and Model Large, Heterogeneous Populations of DNA. <i>ChemBioChem</i> , <b>2020</b> , 21, 1144-1149	3.8	6
10	Highly Conductive, Stretchable, and Cell-Adhesive Hydrogel by Nanoclay Doping. <i>Small</i> , <b>2019</b> , 15, e1901406	40	40
9	Layer-by-Layer Assembly of Heparin and Peptide-Polyethylene Glycol Conjugates to Form Hybrid Nanothin Films of Biomatrices. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 14264-14270	9.5	6
8	Coacervation-Mediated Combinatorial Synthesis of Biomatrices for Stem Cell Culture and Directed Differentiation. <i>Advanced Materials</i> , <b>2018</b> , 30, e1706100	24	14
7	Noncovalently Assembled Electroconductive Hydrogel. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 14418-14425	9.5	40
6	3D Culture Method for Alzheimer's Disease Modeling Reveals Interleukin-4 Rescues A $\beta$ 2-Induced Loss of Human Neural Stem Cell Plasticity. <i>Developmental Cell</i> , <b>2018</b> , 46, 85-101.e8	10.2	69
5	The effects of aging on Amyloid- $\beta$ 2-induced neurodegeneration and regeneration in adult zebrafish brain. <i>Neurogenesis (Austin, Tex)</i> , <b>2017</b> , 4, e1322666		42
4	Modeling Amyloid- $\beta$ 2 Toxicity and Neurodegeneration in Adult Zebrafish Brain. <i>Journal of Visualized Experiments</i> , <b>2017</b> ,	1.6	28
3	IL4/STAT6 Signaling Activates Neural Stem Cell Proliferation and Neurogenesis upon Amyloid- $\beta$ 2 Aggregation in Adult Zebrafish Brain. <i>Cell Reports</i> , <b>2016</b> , 17, 941-948	10.6	77
2	Efficient Cargo Delivery into Adult Brain Tissue Using Short Cell-Penetrating Peptides. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124073	3.7	22
1	Interleukin-4 restores neurogenic plasticity of the primary human neural stem cells through suppression of Kynurenic acid production upon Amyloid-beta42 toxicity		1