

# Eva M Kovacs

## List of Publications by Year in descending order

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37  
papers

3,506  
citations

257450

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345221

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all docs

39  
docs citations

39  
times ranked

3671  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cadherin-Directed Actin Assembly. <i>Current Biology</i> , 2002, 12, 379-382.	3.9	544
2	Myosin 2 Is a Key Rho Kinase Target Necessary for the Local Concentration of E-Cadherin at Cell-Cell Contacts. <i>Molecular Biology of the Cell</i> , 2005, 16, 4531-4542.	2.1	332
3	Myosin II isoforms identify distinct functional modules that support integrity of the epithelial zonula adherens. <i>Nature Cell Biology</i> , 2010, 12, 696-702.	10.3	296
4	E-cadherin Homophilic Ligation Directly Signals through Rac and Phosphatidylinositol 3-Kinase to Regulate Adhesive Contacts. <i>Journal of Biological Chemistry</i> , 2002, 277, 6708-6718.	3.4	288
5	Direct cadherin-activated cell signaling. <i>Journal of Cell Biology</i> , 2003, 160, 11-16.	5.2	285
6	Centralspindlin and $\beta$ -catenin regulate Rho signalling at the epithelial zonula adherens. <i>Nature Cell Biology</i> , 2012, 14, 818-828.	10.3	224
7	Cortactin is necessary for E-cadherin-mediated contact formation and actin reorganization. <i>Journal of Cell Biology</i> , 2004, 164, 899-910.	5.2	160
8	Multi-temporal mapping of seagrass cover, species and biomass: A semi-automated object based image analysis approach. <i>Remote Sensing of Environment</i> , 2014, 150, 172-187.	11.0	145
9	E-Cadherin Adhesion Activates c-Src Signaling at Cell-Cell Contacts. <i>Molecular Biology of the Cell</i> , 2007, 18, 3214-3223.	2.1	138
10	A WAVE2-Arp2/3 actin nucleator apparatus supports junctional tension at the epithelial zonula adherens. <i>Molecular Biology of the Cell</i> , 2012, 23, 4601-4610.	2.1	129
11	N-WASP regulates the epithelial junctional actin cytoskeleton through a non-canonical post-nucleation pathway. <i>Nature Cell Biology</i> , 2011, 13, 934-943.	10.3	122
12	Coral reef habitat mapping: A combination of object-based image analysis and ecological modelling. <i>Remote Sensing of Environment</i> , 2018, 208, 27-41.	11.0	99
13	Minimal Mutation of the Cytoplasmic Tail Inhibits the Ability of E-cadherin to Activate Rac but Not Phosphatidylinositol 3-Kinase. <i>Journal of Biological Chemistry</i> , 2003, 278, 20533-20539.	3.4	98
14	Challenges of remote sensing for quantifying changes in large complex seagrass environments. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 133, 161-171.	2.1	75
15	Mapping the world's coral reefs using a global multiscale earth observation framework. <i>Remote Sensing in Ecology and Conservation</i> , 2020, 6, 557-568.	4.3	73
16	Tuba stimulates intracellular N-WASP-dependent actin assembly. <i>Journal of Cell Science</i> , 2006, 119, 2715-2726.	2.0	72
17	Seagrass habitat mapping: how do Landsat 8 OLI, Sentinel-2, ZY-3A, and Worldview-3 perform?. <i>Remote Sensing Letters</i> , 2018, 9, 686-695.	1.4	48
18	Winners and losers as mangrove, coral and seagrass ecosystems respond to sea-level rise in Solomon Islands. <i>Environmental Research Letters</i> , 2017, 12, 094009.	5.2	42

#	ARTICLE	IF	CITATIONS
19	Reef Cover, a coral reef classification for global habitat mapping from remote sensing. <i>Scientific Data</i> , 2021, 8, 196.	5.3	42
20	A Citizen Science Approach: A Detailed Ecological Assessment of Subtropical Reefs at Point Lookout, Australia. <i>PLoS ONE</i> , 2016, 11, e0163407.	2.5	32
21	Habitat maps to enhance monitoring and management of the Great Barrier Reef. <i>Coral Reefs</i> , 2020, 39, 1039-1054.	2.2	29
22	Integrating field survey data with satellite image data to improve shallow water seagrass maps: the role of AUV and snorkeller surveys?. <i>Remote Sensing Letters</i> , 2015, 6, 135-144.	1.4	28
23	Tuba and N-WASP function cooperatively to position the central lumen during epithelial cyst morphogenesis. <i>Cell Adhesion and Migration</i> , 2011, 5, 344-350.	2.7	26
24	Use of a semi-automated object based analysis to map benthic composition, Heron Reef, Southern Great Barrier Reef. <i>Remote Sensing Letters</i> , 2018, 9, 324-333.	1.4	25
25	Rapid monitoring of seagrass biomass using a simple linear modelling approach, in the field and from space. <i>Marine Ecology - Progress Series</i> , 2015, 530, 1-14.	1.9	24
26	Workflow for the Generation of Expert-Derived Training and Validation Data: A View to Global Scale Habitat Mapping. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	20
27	The Web and the Rock. <i>Developmental Cell</i> , 2002, 3, 760-761.	7.0	13
28	How Much Shallow Coral Habitat Is There on the Great Barrier Reef?. <i>Remote Sensing</i> , 2021, 13, 4343.	4.0	13
29	Cell-Cell Contact: Cooperating Clusters of Actin and Cadherin. <i>Current Biology</i> , 2008, 18, R667-R669.	3.9	12
30	Assessing the potential for satellite image monitoring of seagrass thermal dynamics: for inter- and shallow sub-tidal seagrasses in the inshore Great Barrier Reef World Heritage Area, Australia. <i>International Journal of Digital Earth</i> , 2018, 11, 803-824.	3.9	12
31	Fine-scale time series surveys reveal new insights into spatio-temporal trends in coral cover (2002-2018), of a coral reef on the Southern Great Barrier Reef. <i>Coral Reefs</i> , 2021, 40, 1055-1067.	2.2	11
32	Mapping, Monitoring and Modelling Seagrass Using Remote Sensing Techniques. , 2018, , 445-487.		10
33	Benthic and coral reef community field data for Heron Reef, Southern Great Barrier Reef, Australia, 2002-2018. <i>Scientific Data</i> , 2021, 8, 84.	5.3	9
34	IL-1 signalling determines the fate of skin grafts expressing non-self protein in keratinocytes. <i>Experimental Dermatology</i> , 2010, 19, 723-729.	2.9	8
35	Cloud Processing for Simultaneous Mapping of Seagrass Meadows in Optically Complex and Varied Water. <i>Remote Sensing</i> , 2022, 14, 609.	4.0	6
36	Field data sets for seagrass biophysical properties for the Eastern Banks, Moreton Bay, Australia, 2004-2014. <i>Scientific Data</i> , 2015, 2, 150040.	5.3	5

#	ARTICLE	IF	CITATIONS
37	Seagrass morphometrics at species level in Moreton Bay, Australia from 2012 to 2013. Scientific Data, 2017, 4, 170060.	5.3	4