<table>
<thead>
<tr>
<th>Item</th>
<th>Text</th>
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<tbody>
<tr>
<td>Purpose statement which are clearly irrelevant</td>
<td>Not share reviewers' comments with all coauthors</td>
</tr>
<tr>
<td>Make no clear distinction between personal views and professional comments</td>
<td>Failure to disclose a sponsor of the study</td>
</tr>
<tr>
<td>Insufficiently supervise or mentor junior coworkers</td>
<td>Not report clearly relevant details of study methods</td>
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<tr>
<td>Perform data analysis without disclosure</td>
<td>Report on incorrect intentionally concealed data</td>
</tr>
<tr>
<td>Selectively delete data, modify data or add fabricated data after performing initial data analyses</td>
<td>Total sample N = 357, M = 3.5, SD = 1.7</td>
</tr>
<tr>
<td>Propose study questions which are clearly irrelevant</td>
<td>Perform data analyses not most in the study protocol without disclosure</td>
</tr>
<tr>
<td>Not report clearly relevant details of study</td>
<td>Total sample N = 362, M = 5.3, SD = 2.3</td>
</tr>
<tr>
<td>Not report all data reproducible</td>
<td>Total sample N = 360, M = 5.5, SD = 3.8</td>
</tr>
<tr>
<td>Not publish a valid negative study</td>
<td>Total sample N = 358, M = 4.6, SD = 3.6</td>
</tr>
<tr>
<td>Report on unexpected finding as having been anticipated from the start</td>
<td>Total sample N = 355, M = 3.9, SD = 3.8</td>
</tr>
<tr>
<td>Confuse results with credentials or failures to conclude</td>
<td>Total sample N = 355, M = 3.6, SD = 3.2</td>
</tr>
<tr>
<td>Take full responsibility for the integrity of the research project and its results</td>
<td>Total sample N = 355, M = 3.9, SD = 3.2</td>
</tr>
<tr>
<td>Refuse to share data with bona fide colleagues</td>
<td>Total sample N = 355, M = 3.7, SD = 3.3</td>
</tr>
<tr>
<td>Threat a legal suit to preclude release of research integrity by others</td>
<td>Total sample N = 355, M = 3.6, SD = 3.1</td>
</tr>
<tr>
<td>Fail to respond to an obligation to a breach of research integrity</td>
<td>Total sample N = 355, M = 3.6, SD = 3.1</td>
</tr>
<tr>
<td>Use unpublished ideas or phrases of others without their permission</td>
<td>Total sample N = 355, M = 3.6, SD = 3.1</td>
</tr>
<tr>
<td>Use published ideas or phrases of others without referral</td>
<td>Total sample N = 355, M = 3.6, SD = 3.1</td>
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<tr>
<td>Withhold or use a clearly research generated protocol</td>
<td>Total sample N = 355, M = 3.6, SD = 3.1</td>
</tr>
<tr>
<td>Ignore substantial advice of the study to participants, reviewers or environment</td>
<td>Total sample N = 355, M = 3.6, SD = 3.1</td>
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<tr>
<td>Skip data collection earlier than planned because the results are already statistically significant</td>
<td>Total sample N = 355, M = 3.6, SD = 3.1</td>
</tr>
<tr>
<td>Not welcome to publish large collaborative studies</td>
<td>Total sample N = 355, M = 3.6, SD = 3.1</td>
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<tr>
<td>Not report clearly relevant details of study methods</td>
<td>Total sample N = 355, M = 3.6, SD = 3.1</td>
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<tr>
<td>Not report replication problems</td>
<td>Total sample N = 355, M = 3.6, SD = 3.1</td>
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<tr>
<td>Politely decline inclusion or participation in a study</td>
<td>Total sample N = 355, M = 3.6, SD = 3.1</td>
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<td>Total sample N = 355, M = 3.6, SD = 3.1</td>
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</tbody>
</table>

**Additional file 9. 60 items ranked for aggregate impact per disciplinary field and academic rank.**

M = mean score per subgroups, SD = standard deviation, N = number of responses, PD & Assoc Prof = Postdocs and assistant professors, Asso & Full Prof = Associate and full professors, Biomed = biomedical researchers, Nat = natural sciences researchers, Soc = social sciences researchers and Hum = humanities researchers. Note that we used a missingness-by-design, so the actual number of respondents from that particular subgroup should be multiplied by three.